Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	rosenmund-christian.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/30 13:27
L2	1	russo-sebastian.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/30 13:27
L3	1	neuman-menahem.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/30 13:28
L4	1731	ampa same receptor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/30 13:28
L5	1	ampa same receptor same leucine same mutation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/30 13:28

09807499 Results

SEQ ID NO: 17

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	2682	99.9	2685	6	AX025134	AX025134 Sequence
2	2682	99.9	3128	6	AX658316	AX658316 Sequence
3	2682	99.9	3128	9	HSGLURC	X82068 H.sapiens m
4	2678.8	99.8	2989	6	A46060	A46060 Sequence 11
5	2678.8	99.8	2989	6	AR010044	AR010044 Sequence
6	2677.2	99.7	2747	9	HSU10302	U10302 Human gluta
7	2677.2	99.7	2761	6	AR212998	AR212998 Sequence
8	2677.2	99.7	2761	6	AR217162	AR217162 Sequence
9	2664.6	99.2	2934	6	CQ714225	CQ714225 Sequence
10	2627.6	97.9	2989	6	A46058	A46058 Sequence 9
11	2627.6	97.9	2989	6	AR010043	AR010043 Sequence
12	2626	97.8	3056	6	AR270847	AR270847 Sequence
13	2626	97.8	3056	9	HSU10301	U10301 Human gluta
14	2626	97.8	3070	6	AR212999	AR212999 Sequence

Result No.	Score	% Query Match	Length	DB	ID	Description
1	2678.8	99.8	2989	2	AAT02800	Aat02800 Human glu
2	2677.2	99.7	2761	2	AAQ54118	Aaq54118 Human Glu
3	2653.4	98.8	3283	5	AAS74828	Aas74828 DNA encod
4	2627.6	97.9	2989	2	AAT02799	Aat02799 Human glu
5	2626	97.8	3056	10	ACA56812	Aca56812 Human sig
6	2626	97.8	3056	12	ADI56608	Adi56608 Human pol
7	2621.2	97.6	3070	2	AAQ62694	Aaq62694 Human Glu
8	2443.8	91.0	3083	2	AAQ11851	Aaq11851 Glutamate
9	1330.2	49.5	3041	2	AAQ11852	Aaq11852 Glutamate
10	1319.2	49.1	4144	9	ACH03901	Ach03901 Human cDN
11	1316	49.0	3072	4	AAH57547	Aah57547 Human bra
12	1314.8	49.0	2955	2	AAT02798	Aat02798 Human glu
13	1309.6	48.8	3981	2	AAQ70101	Aaq70101 AMPA-bind
14	1286	47.9	3505	2	AAQ11850	Aaq11850 Glutamate
15	1279.6	47.7	3407	2	AAQ91230	Aaq91230 Human Glu
16	1279.6	47.7	3407	4	AAC62036	Aac62036 cDNA enco
17	1278	47.6	2955	2	AAT02797	Aat02797 Human glu
18	1278	47.6	3407	2	AAQ54117	Aaq54117 Human Glu
19	1278	47.6	3407	4	AAC62039	Aac62039 cDNA enco
20	1276.4	47.5	3331	8	ACC50172	Acc50172 Breast ca
21	1276.4	47.5	3331	10	ADD18641	Add18641 Human dis
22	1276.4	47.5	3331	12	ADN05788	Adn05788 Antipsori
23	1270.8	47.3	2649	2	AAQ51026	Aaq51026 Human glu
24	1269.8	47.3	2796	6	ABL57908	Abl57908 Human tra
25	1242.6	46.3	5587	12	ADQ25097	Adq25097 Human sof
26	1168	43.5	2718	2	AAQ51025	Aaq51025 Human glu
27	1166.4	43.4	2946	2	AAT02796	Aat02796 Human glu
28	1163.2	43.3	2929	4	AAS14692	Aas14692 Human cDN
29	1146.2	42.7	2752	5	AAS06006	Aas06006 Angiotens
30	1144.4	42.6	2992	2	AAQ11849	Aaq11849 Glutamate
31	1136	42.3	2911	2	AAT02795	Aat02795 Human glu

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	2678.8	99.8	2989	1	US-08-687-379-11	Sequence 11, Appl
2	2677.2	99.7	2761	4	US-08-257-029-1	Sequence 1, Appli
3	2677.2	99.7	2761	4	US-08-896-063-1	Sequence 1, Appli
4	2627.6	97.9	2989	1	US-08-687-379-9	Sequence 9, Appli

5	2626	97.8	3056	4	US-09-016-434-1410	Sequence 1410, Ap
6	2626	97.8	3070	4	US-08-257-029-3	Sequence 3, Appli
7	2626	97.8	3070	4	US-08-896-063-3	Sequence 3, Appli
8	2448.6	91.2	3083	1	US-07-718-575-5	Sequence 5, Appli
9	2448.6	91.2	3083	1	US-08-481-206-5	Sequence 5, Appli
10	2448.6	91.2	3083	2	US-08-486-269A-5	Sequence 5, Appli
11	1338	49.8	2971	1	US-07-718-575-7	Sequence 7, Appli
12	1338	49.8	2971	1	US-08-481-206-7	Sequence 7, Appli
13	1338	49.8	2971	2	US-08-486-269A-7	Sequence 7, Appli
14	1314.8	49.0	2955	1	US-08-687-379-7	Sequence 7, Appli
15	1311.2	48.8	3981	1	US-08-259-164-1	Sequence 1, Appli
16	1311.2	48.8	3981	3	US-08-403-663-1	Sequence 1, Appli
17	1311.2	48.8	3981	3	US-08-473-204-1	Sequence 1, Appli

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	2622.4	97.7	2685	9	AY398940	AY398940 Homo sapi
2	2401	89.4	2683	9	AY398942	AY398942 Mus muscu
3	2318.4	86.3	5188	3	BC076584	BC076584 Mus muscu
4	1974.2	73.5	2273	9	AY398941	AY398941 Pan trogl
5	1338.6	49.9	3092	3	AK031568	AK031568 Mus muscu
6	1123.6	41.8	3310	3	AK049958	AK049958 Mus muscu
7	1110	41.3	3679	3	BC066193	BC066193 Mus muscu
8	1041.8	38.8	3463	3	AK046861	AK046861 Mus muscu
9	1041.8	38.8	3465	3	AK043490	AK043490 Mus muscu
10	1040.2	38.7	3506	3	AK014389	AK014389 Mus muscu
11	1038.6	38.7	3436	3	AK044574	AK044574 Mus muscu
12	1001.4	37.3	1899	9	AY419985	AY419985 Homo sapi
13	1001.4	37.3	1899	9	AY419987	AY419987 Mus muscu
14	738.4	27.5	2720	3	AK086614	AK086614 Mus muscu
15	730.2	27.2	1899	9	AY419986	AY419986 Pan trogl
16	700.4	26.1	824	6	CB245672	CB245672 UI-M-FY0-
17	683.6	25.5	768	6	CA324281	CA324281 UI-M-FY0-
18	636.2	23.7	884	5	BU115499	BU115499 603139749
19	634.4	23.6	704	6	CD804566	CD804566 UI-M-GV0

SEQ ID NO : 7

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	4639	99.4	888	2	AAR84917	Aar84917 Human glu
2	4633	99.3	888	2	AAR45142	Aar45142 Human Glu
3	4598	98.5	888	2	AAR11991	Aar11991 Glutamate
4	4590	98.3	888	2	AAR84916	Aar84916 Human glu
5	4576	98.0	888	2	AAR45143	Aar45143 Human Glu
6	4228	90.6	842	4	ABG10641	Abg10641 Novel hum
7	3564	76.3	931	5	ABB76919	Abb76919 Human tra
8	3410.5	73.1	883	2	AAR11990	Aar11990 Glutamate
9	3406.5	73.0	902	2	AAR11992	Aar11992 Glutamate
10	3399.5	72.8	883	2	AAR84915	Aar84915 Human glu
11	3398.5	72.8	902	2	AAR48951	Aar48951 AMPA-bind
12	3360.5	72.0	883	2	AAR75882	Aar75882 Human Glu
13	3360.5	72.0	883	4	AAB19495	Aab19495 A human u
14	3357.5	71.9	883	2	AAR84914	Aar84914 Human glu
15	3356.5	71.9	883	2	AAR45141	Aar45141 Human Glu

Result No.	Score	Query Match	Length	DB	ID	Description
1	4639	99.4	888	1	US-08-687-379-12	Sequence 12, Appl
2	4633	99.3	888	4	US-08-257-029-2	Sequence 2, Appli
3	4633	99.3	888	4	US-08-896-063-2	Sequence 2, Appli
4	4610	98.8	888	1	US-07-718-575-6	Sequence 6, Appli

5	4610	98.8	888	1	US-08-481-206-6	Sequence 6, Appli
6	4610	98.8	888	2	US-08-486-269A-6	Sequence 6, Appli
7	4590	98.3	888	1	US-08-687-379-10	Sequence 10, Appl
8	4584	98.2	888	4	US-08-257-029-4	Sequence 4, Appli
9	4584	98.2	888	4	US-08-896-063-4	Sequence 4, Appli
10	3410.5	73.1	883	1	US-07-718-575-4	Sequence 4, Appli
11	3410.5	73.1	883	1	US-08-481-206-4	Sequence 4, Appli
12	3410.5	73.1	883	2	US-08-486-269A-4	Sequence 4, Appli
13	3406.5	73.0	902	1	US-07-718-575-8	Sequence 8, Appli
14	3406.5	73.0	902	1	US-08-481-206-8	Sequence 8, Appli

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	4668	100.0	894	2	S49460	glutamate receptor
2	4662	99.9	894	2	S53696	glutamate receptor
3	4623	99.0	888	2	C40170	glutamate receptor
4	4613	98.8	894	2	S50128	glutamate receptor
5	3604.5	77.2	884	2	A44839	glutamate receptor
6	3480.5	74.6	902	2	D40170	glutamate receptor
7	3391	72.6	883	2	S47031	glutamate receptor
8	3378.5	72.4	921	2	I49695	glutamate receptor
9	3359.5	72.0	883	2	S13677	glutamate receptor
10	3348.5	71.7	883	2	I58181	glutamate receptor
11	3254.5	69.7	939	2	I49696	glutamate receptor
12	3129	67.0	906	2	S25852	glutamate receptor
13	3125	66.9	906	2	A40222	glutamate receptor
14	3121	66.9	906	2	S38723	glutamate receptor

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RESULT 1
S49460
glutamate receptor chain GluRC - human
C;Species: Homo sapiens (man)
C;Date: 20-Feb-1995 #sequence_revision 20-Feb-1995 #text_change 09-Jul-2004
C;Accession: S49460
R;Mclaughlin, D.P.; Kerwin, R.W.
submitted to the EMBL Data Library, October 1994
A;Reference number: S49460
A;Accession: S49460
A;Status: preliminary
A;Molecule type: mRNA
A;Residues: 1-894 <MCL>
A;Cross-references: UNIPROT:P42263; EMBL:X82068; NID:g558587; PIDN:CAA57567.1;
PID:g558588
C;Superfamily: glutamate receptor; glutamate receptor homology
C;Keywords: neurotransmitter receptor
F;427-857/Domain: glutamate receptor homology <GRH>

  Query Match             100.0%;  Score 4668;  DB 2;  Length 894;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches  894;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 MARQKKMGQSVLRAVFFLVLGLLGHSHGGFPNTISIGGLFMRNTVQEHSAFRFAVQLYNT 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MARQKKMGQSVLRAVFFLVLGLLGHSHGGFPNTISIGGLFMRNTVQEHSAFRFAVQLYNT 60

Qy         61 NQNTTEKPFHLNYHVDHLDSSNSFSVTNAFCSQFSRGVYAIFGFYDQMSMNTLTSFCGAL 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 NQNTTEKPFHLNYHVDHLDSSNSFSVTNAFCSQFSRGVYAIFGFYDQMSMNTLTSFCGAL 120

Qy        121 HTSFVTPSFPTDADVQFVIQMRPALKGAILSLLGHYKWEKFVYLYDTERGFSILQAIMEA 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 HTSFVTPSFPTDADVQFVIQMRPALKGAILSLLGHYKWEKFVYLYDTERGFSILQAIMEA 180

Qy        181 AVQNNWQVTARSVGNIKDVQEFRRIIEEMDRRQEKRYLIDCEVERINTILEQVVILGKHS 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Db        181 AVQNNWQVTARSVGNIKDVQEFRRIIEEMDRRQEKRYLIDCEVERINTILEQVVILGKHS 240

Qy        241 RGYHYMLANLGFTDILLERVMHGGANITGFQIVNNENPMVQQFIQRWVRLDEREFPEAKN 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 RGYHYMLANLGFTDILLERVMHGGANITGFQIVNNENPMVQQFIQRWVRLDEREFPEAKN 300

Qy        301 APLKYTSALTHDAILVIAEAFRYLRRQRVDVSRRGSAGDCLANPAVPWSQGIDIERALKM 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 APLKYTSALTHDAILVIAEAFRYLRRQRVDVSRRGSAGDCLANPAVPWSQGIDIERALKM 360

Qy        361 VQVQGMTGNIQFDTYGRRTNYTIDVYEMKVSGSRKAGYWNEYERFVPFSDQQISNDSASS 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 VQVQGMTGNIQFDTYGRRTNYTIDVYEMKVSGSRKAGYWNEYERFVPFSDQQISNDSASS 420

Qy        421 ENRTIVVTTILESPYVMYKKNHEQLEGNERYEGYCVDLAYEIAKHVRIKYKLSIVGDGKY 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 ENRTIVVTTILESPYVMYKKNHEQLEGNERYEGYCVDLAYEIAKHVRIKYKLSIVGDGKY 480

Qy        481 GARDPETKIWNGMVGELVYGRADIAVAPLTITLVREEVIDFSKPFMSLGISIMIKKPQKS 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 GARDPETKIWNGMVGELVYGRADIAVAPLTITLVREEVIDFSKPFMSLGISIMIKKPQKS 540

Qy        541 KPGVFSFLDPLAYEIWMCIVFAYIGVSVVLFLVSRFSPYEWHLEDNNEEPRDPQSPPDPP 600
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        541 KPGVFSFLDPLAYEIWMCIVFAYIGVSVVLFLVSRFSPYEWHLEDNNEEPRDPQSPPDPP 600

Qy        601 NEFGIFNSLWFSLGAFMQQGCDISPRSLSGRIVGGVWWFFTLIIISSYTANLAAFLTVER 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        601 NEFGIFNSLWFSLGAFMQQGCDISPRSLSGRIVGGVWWFFTLIIISSYTANLAAFLTVER 660

Qy        661 MVSPIESAEDLAKQTEIAYGTLDSGSTKEFFRRSKIAVYEKMWSYMKSAEPSVFTKTTAD 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        661 MVSPIESAEDLAKQTEIAYGTLDSGSTKEFFRRSKIAVYEKMWSYMKSAEPSVFTKTTAD 720

Qy        721 GVARVRKSKGKFAFLLESTMNEYIEQRKPCDTMKVGGNLDSKGYGVATPKGSALGNAVNL 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        721 GVARVRKSKGKFAFLLESTMNEYIEQRKPCDTMKVGGNLDSKGYGVATPKGSALGNAVNL 780

Qy        781 AVLKLNEQGLLDKLKNKWWYDKGECGSGGGDSKDKTSALSLSNVAGVFYILVGGLGLAMM 840
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        781 AVLKLNEQGLLDKLKNKWWYDKGECGSGGGDSKDKTSALSLSNVAGVFYILVGGLGLAMM 840

Qy        841 VALIEFCYKSRAESKRMKLTKNTQNFKPAPATNTQNYATYREGYNVYGTESVKI 894
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        841 VALIEFCYKSRAESKRMKLTKNTQNFKPAPATNTQNYATYREGYNVYGTESVKI 894
```

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	4662	99.9	894	1	GLR3_HUMAN	P42263 homo sapien
2	4657	99.8	894	2	Q9P0H1	Q9p0h1 homo sapien
3	4623	99.0	888	1	GLR3_RAT	P19492 rattus norv
4	4608	98.7	894	2	Q9P0H2	Q9p0h2 homo sapien
5	4577	98.1	888	2	Q9Z2W9	Q9z2w9 mus musculu
6	4463	95.6	888	2	Q90857	Q90857 gallus gall
7	4100.5	87.8	883	2	Q71E60	Q71e60 brachydanio
8	4100.5	87.8	883	2	AAQ08959	Aaq08959 brachydan
9	4095	87.7	886	2	O57421	O57421 oreochromis
10	4057	86.9	886	2	O57423	O57423 oreochromis
11	4001.5	85.7	886	2	Q71E61	Q71e61 brachydanio
12	4001.5	85.7	886	2	AAQ08958	Aaq08958 brachydan
13	3489.5	74.8	902	2	Q90858	Q90858 gallus gall
15	3475.5	74.5	902	1	GLR4_MOUSE	Q9z2w8 mus musculu
16	3418.5	73.2	902	2	Q6P9M7	Q6p9m7 mus musculu
17	3418.5	73.2	902	2	AAH60697	Aah60697 mus muscu
18	3415.5	73.2	883	1	GLR2_MOUSE	P23819 mus musculu
19	3414.5	73.1	883	1	GLR2_RAT	P19491 rattus norv

20	3404.5	72.9	858	2	Q8C0E4	Q8c0e4 mus musculu
21	3403	72.9	904	2	Q71E58	Q71e58 brachydanio
22	3403	72.9	904	2	AAQ08961	Aaq08961 brachydan
23	3402.5	72.9	883	1	GLR2_HUMAN	P42262 homo sapien

```
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 NEWS  7  DEC 09   12 databases to be removed from STN on December 31, 2004
 NEWS  8  DEC 15   MEDLINE update schedule for December 2004
 NEWS  9  DEC 17   ELCOM reloaded; updating to resume; current-awareness
                   alerts (SDIs) affected
 NEWS  10 DEC 17   COMPUAB reloaded; updating to resume; current-awareness
                   alerts (SDIs) affected
 NEWS  11 DEC 17   SOLIDSTATE reloaded; updating to resume; current-awareness
                   alerts (SDIs) affected
 NEWS  12 DEC 17   CERAB reloaded; updating to resume; current-awareness
                   alerts (SDIs) affected
 NEWS  13 DEC 17   THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB

 NEWS EXPRESS  OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
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L2           3 RUSSO SEBASTIAN

=> s neuman menahem /au
L3          11 NEUMAN MENAHEM

=> s ampa (s) recetpro (s) leucine (s) mutation
L4           0 AMPA (S) RECETPRO (S) LEUCINE (S) MUTATION

=> s ampa (s) receptor (s) leucine (s) mutation
L5           9 AMPA (S) RECEPTOR (S) LEUCINE (S) MUTATION

=> d l5 total ibib

L5   ANSWER 1 OF 9     MEDLINE on STN
ACCESSION NUMBER:   2003087200     MEDLINE
DOCUMENT NUMBER:    PubMed ID: 12598610
TITLE:              Amino-acid residues involved in glutamate receptor 6
                    kainate receptor gating and desensitization.
AUTHOR:             Fleck Mark W; Cornell Elizabeth; Mah Stephanie J
CORPORATE SOURCE:   Center for Neuropharmacology and Neuroscience, Albany
                    Medical College, Albany, New York 12208, USA..
                    fleckm@mail.amc.edu
CONTRACT NUMBER:    NS40347 (NINDS)
SOURCE:             Journal of neuroscience : official journal of the Society
                    for Neuroscience, (2003 Feb 15) 23 (4) 1219-27.
                    Journal code: 8102140. ISSN: 1529-2401.
PUB. COUNTRY:       United States
DOCUMENT TYPE:      Journal; Article; (JOURNAL ARTICLE)
LANGUAGE:           English
FILE SEGMENT:       Priority Journals
ENTRY MONTH:        200303
ENTRY DATE:         Entered STN: 20030225
                    Last Updated on STN: 20030325
                    Entered Medline: 20030324

L5   ANSWER 2 OF 9     MEDLINE on STN
ACCESSION NUMBER:   2000090264     MEDLINE
DOCUMENT NUMBER:    PubMed ID: 10626838
TITLE:              A desensitization-inhibiting mutation in the glutamate
                    binding site of rat alpha-amino-3-hydroxy-5-methyl-4-
                    isoxazole propionic acid receptor subunits is dominant in
                    heteromultimeric complexes.
AUTHOR:             Thalhammer A; Morth T; Strutz N; Hollmann M
CORPORATE SOURCE:   Glutamate Receptor Laboratory, Max-Planck-Institute for
                    Experimental Medicine, Gottingen, Germany.
SOURCE:             Neuroscience letters, (1999 Dec 31) 277 (3) 161-4.
                    Journal code: 7600130. ISSN: 0304-3940.
PUB. COUNTRY:       Ireland
DOCUMENT TYPE:      Journal; Article; (JOURNAL ARTICLE)
```

LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200001
ENTRY DATE: Entered STN: 20000204
Last Updated on STN: 20000204
Entered Medline: 20000124

L5 ANSWER 3 OF 9 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
ACCESSION NUMBER: 2003:141536 BIOSIS
DOCUMENT NUMBER: PREV200300141536
TITLE: Amino-acid residues involved in glutamate receptor 6 kainate receptor gating and desensitization.
AUTHOR(S): Fleck, Mark W. [Reprint Author]; Cornell, Elizabeth; Mah, Stephanie J.
CORPORATE SOURCE: Center for Neuropharmacology and Neuroscience, Albany Medical College, 47 New Scotland Avenue, A-136, Albany, NY, 12208, USA
fleckm@mail.amc.edu
SOURCE: Journal of Neuroscience, (February 15 2003) Vol. 23, No. 4, pp. 1219-1227. print.
ISSN: 0270-6474 (ISSN print).
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 19 Mar 2003
Last Updated on STN: 19 Mar 2003

L5 ANSWER 4 OF 9 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
ACCESSION NUMBER: 2000:85647 BIOSIS
DOCUMENT NUMBER: PREV200000085647
TITLE: A desensitization-inhibiting mutation in the glutamate binding site of rat alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid receptor subunits is dominant in heteromultimeric complexes.
AUTHOR(S): Thalhammer, Agnes; Morth, Tanja; Strutz, Nathalie; Hollmann, Michael [Reprint author]
CORPORATE SOURCE: Glutamate Receptor Laboratory, Max-Planck-Institute for Experimental Medicine, Hermann-Rein-Strasse 3, D-37075, Goettingen, Germany
SOURCE: Neuroscience Letters, (Dec. 31, 1999) Vol. 277, No. 3, pp. 161-164. print.
CODEN: NELED5. ISSN: 0304-3940.
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 1 Mar 2000
Last Updated on STN: 3 Jan 2002

L5 ANSWER 5 OF 9 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN
ACCESSION NUMBER: 2003093748 EMBASE
TITLE: Amino-acid residues involved in glutamate receptor 6 kainate receptor gating and desensitization.
AUTHOR: Fleck M.W.; Cornell E.; Mah S.J.
CORPORATE SOURCE: Dr. M.W. Fleck, Ctr. for Neuropharmacol./Neurosci., Albany Medical College, 47 New Scotland Avenue, Albany, NY 12208, United States. fleckm@mail.amc.edu
SOURCE: Journal of Neuroscience, (15 Feb 2003) 23/4 (1219-1227). Refs: 54
ISSN: 0270-6474 CODEN: JNRSDS
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 002 Physiology
008 Neurology and Neurosurgery
LANGUAGE: English
SUMMARY LANGUAGE: English

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on STN
ACCESSION NUMBER: 1999419470 EMBASE
TITLE: A desensitization-inhibiting mutation in the glutamate binding site of rat α-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid receptor subunits is dominant in heteromultimeric complexes.
AUTHOR: Thalhammer A.; Morth T.; Strutz N.; Hollmann M.
CORPORATE SOURCE: M. Hollmann, Glutamate Receptor Laboratory, Max-Planck-Institute, Experimental Medicine, Hermann-Rein-Strasse 3, D-37075 Gottingen, Germany. hollman@mail.mpiem.gwdg.de
SOURCE: Neuroscience Letters, (1999) 277/3 (161-164).
Refs: 13
ISSN: 0304-3940 CODEN: NELED5
PUBLISHER IDENT.: S 0304-3940(99)00885-X
COUNTRY: Ireland
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 002 Physiology
022 Human Genetics
030 Pharmacology
037 Drug Literature Index
LANGUAGE: English
SUMMARY LANGUAGE: English

L5 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:222454 CAPLUS
DOCUMENT NUMBER: 139:30983
TITLE: Amino-acid residues involved in glutamate receptor 6 kainate receptor gating and desensitization
AUTHOR(S): Fleck, Mark W.; Cornell, Elizabeth; Mah, Stephanie J.
CORPORATE SOURCE: Center for Neuropharmacology and Neuroscience, Albany Medical College, Albany, NY, 12208, USA
SOURCE: Journal of Neuroscience (2003), 23(4), 1219-1227
CODEN: JNRSDS; ISSN: 0270-6474
PUBLISHER: Society for Neuroscience
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1999:793473 CAPLUS
DOCUMENT NUMBER: 132:146976
TITLE: A desensitization-inhibiting mutation in the glutamate binding site of rat α-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid receptor subunits is dominant in heteromultimeric complexes
AUTHOR(S): Thalhammer, A.; Morth, T.; Strutz, N.; Hollmann, M.
CORPORATE SOURCE: Glutamate Receptor Laboratory, Max-Planck-Institute for Experimental Medicine, Gottingen, D-37075, Germany
SOURCE: Neuroscience Letters (1999), 277(3), 161-164
CODEN: NELED5; ISSN: 0304-3940
PUBLISHER: Elsevier Science Ireland Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1998:720456 CAPLUS
DOCUMENT NUMBER: 130:61247
TITLE: A point mutation in the glutamate binding site blocks

desensitization of AMPA receptors

AUTHOR(S): Stern-Bach, Yael; Russo, Sebastian; Neuman, Menahem; Rosenmund, Christian

CORPORATE SOURCE: Department Anatomy & Cell Biology, Hebrew University, Hadassah School Dental Medicine, Jerusalem, 91120, Israel

SOURCE: Neuron (1998), 21(4), 907-918
CODEN: NERNET; ISSN: 0896-6273

PUBLISHER: Cell Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT